

CUBIT Capability Proposal

Technical Area

Geometry, Meshing, Infrastructure, GUI, Graphics, etc..

Technical Lead

Cubit Developer in charge of technical area

Graphics	Clinton Stimpson
----------	------------------

MRD Description

Describe the capability in terms of how a user would see it.

Provide a “screensaver” mode for the graphics window
--

SRS Description

What needs to be done by Cubit developers to implement this capability? Break the tasks into steps if applicable. (Steps should be on the order of 2 man-weeks or more)

- | |
|---|
| <ol style="list-style-type: none">1. Provide an automatic ability for the graphics window to enter “Screensaver” mode. This would mean that the currently-loaded model would fly around the screen, using a smooth trajectory, bouncing off the sides of the window, and gently rotating. The user would be able to exit it via a ‘q’ in the graphics window, whereupon the model would move back to the previous position. In the GUI, this could optionally hide all the gui panels, so that just the graphics window is visible. |
|---|

Justification

Describe why this is important and what impact it will have if it is implemented. (or not implemented).

Would provide a much more interesting screen to look at when the user is not actively working on the model. When giving a demonstration, while the demonstrator is talking, the viewers would have some eye candy to enjoy.

Resources

Who will work on this

Time estimate

How much time will it take in man-weeks

Targeted Release

10.2 (August 06), 10.3 (March 2007), 10.4 (August 2007), Future (beyond FY07)

Clinton Stimpson	2 weeks	10.2
------------------	---------	------

Submitted By:

Bob Kerr	3/28/2006
----------	-----------

Date: